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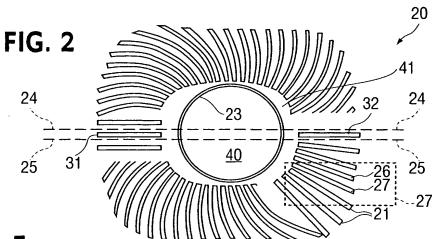
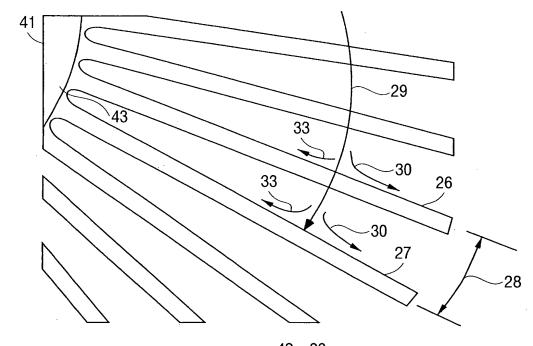
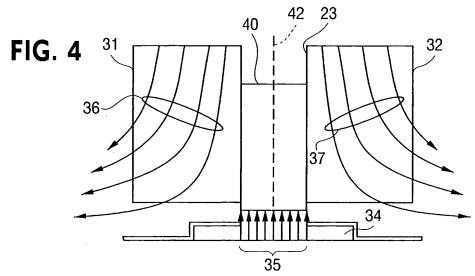


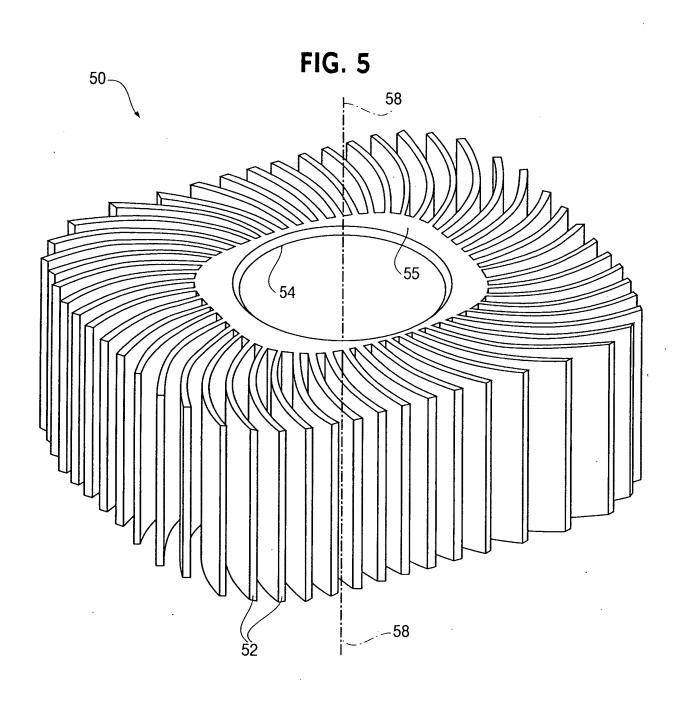
FIG. 3

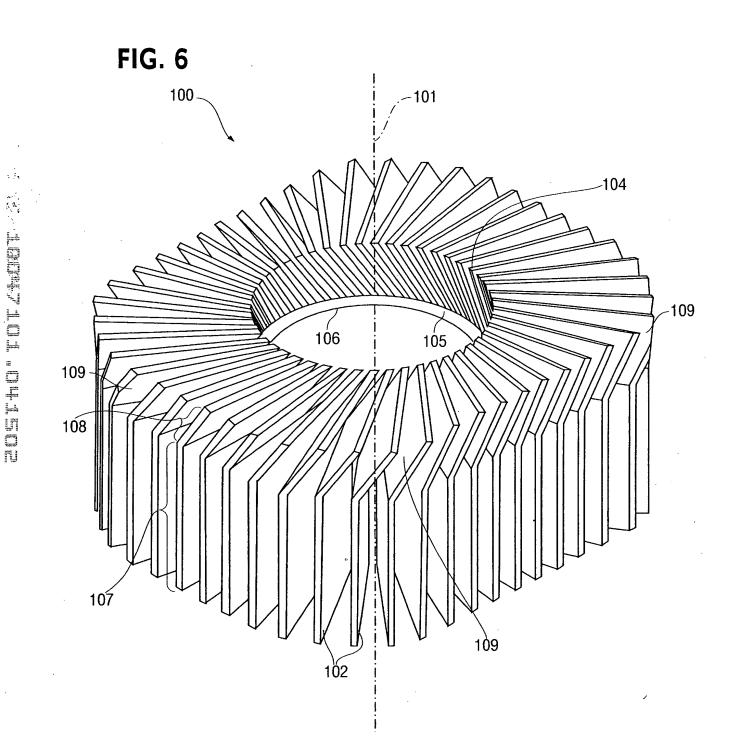




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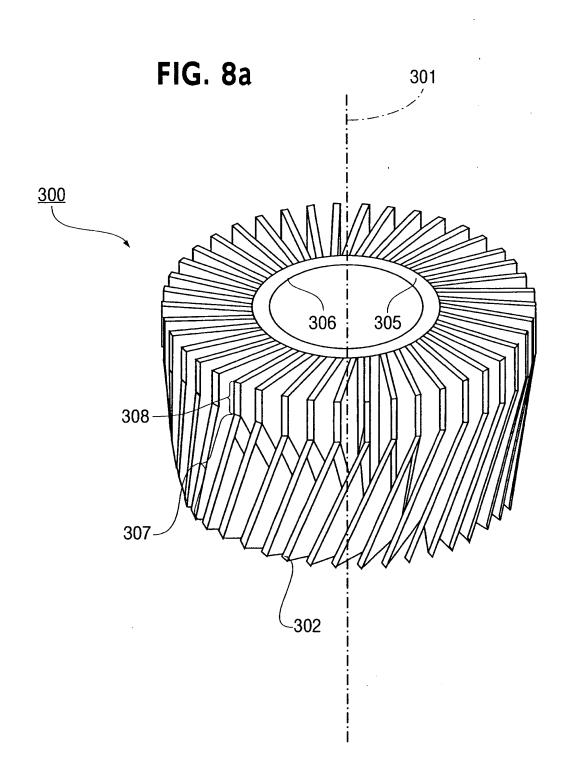






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FIG. 8b

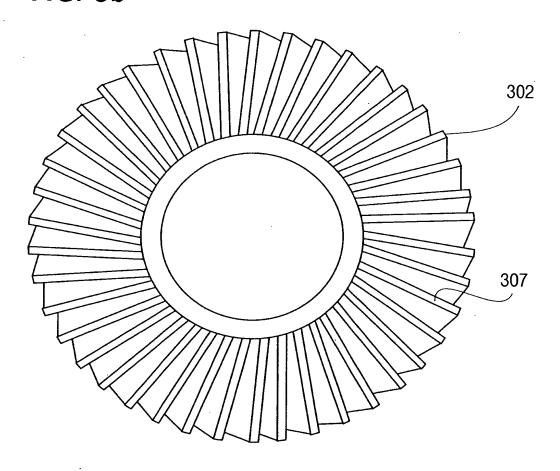
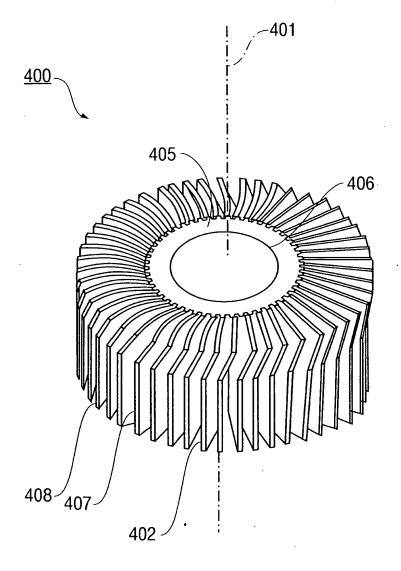


FIG. 9



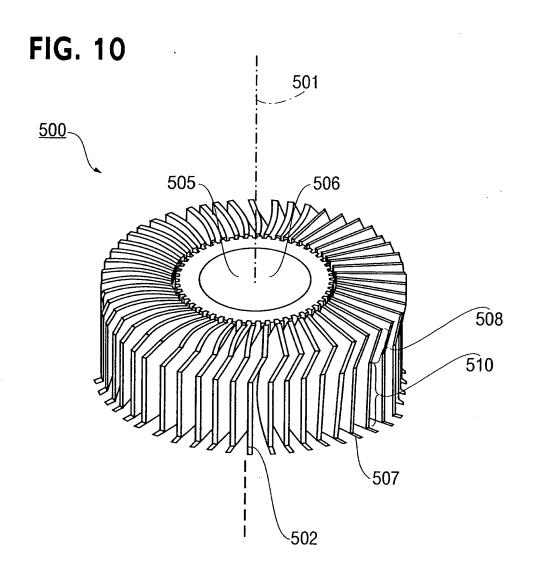
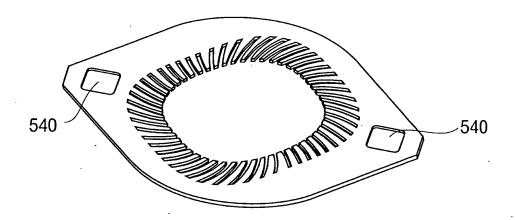


FIG. 11a



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FIG. 11b

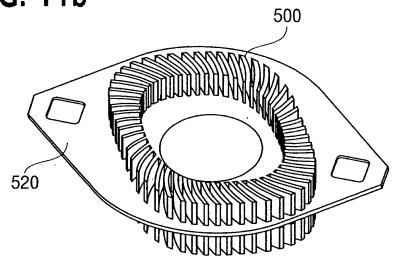
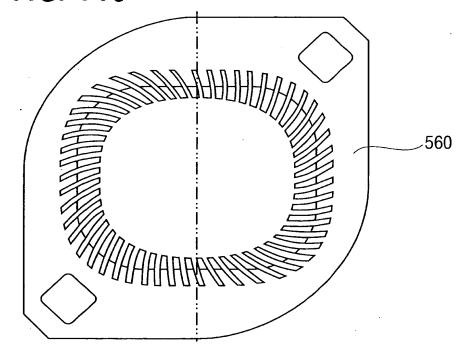


FIG. 11c



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FIG. 12

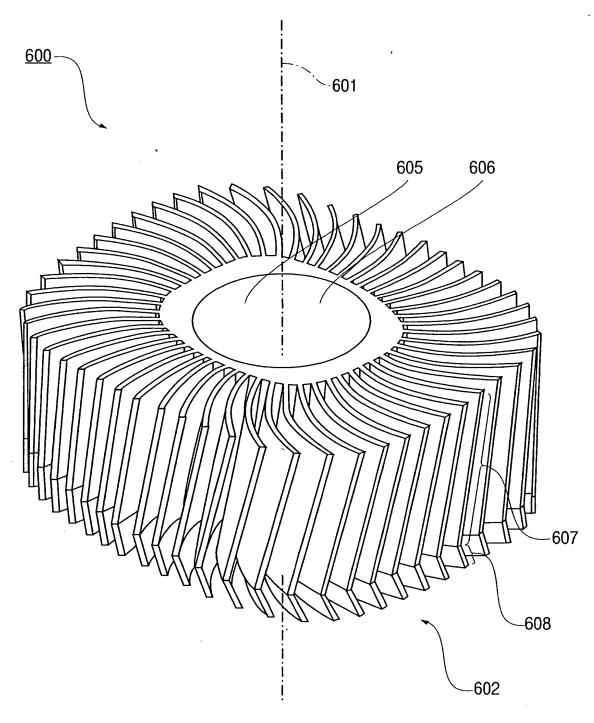
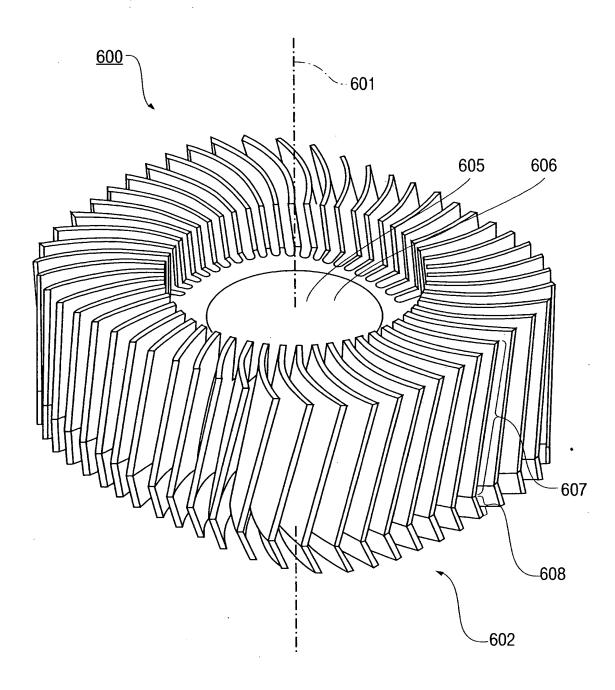
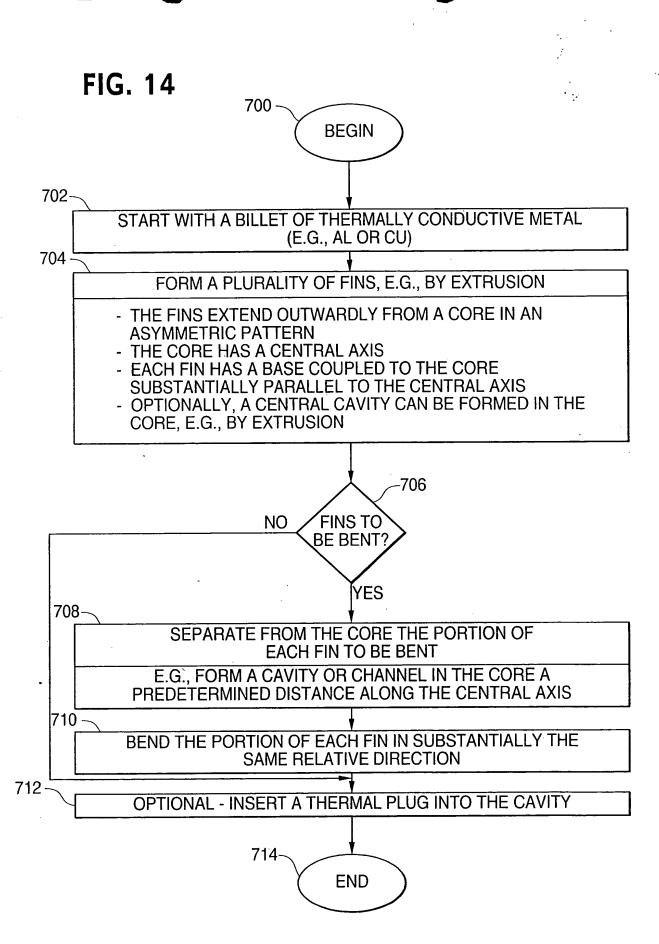
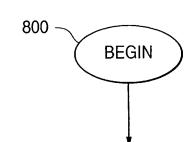


FIG. 13





## FIG. 15



802

## MOUNT AN ELECTRONIC COMPONENT ON A CIRCUIT BOARD

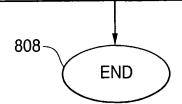
804

PROVIDE AN AXIAL FLOW FAN CAPABLE OF MOVING AIR HAVING A COMPONENT NORMAL TO THE ELECTRONIC COMPONENT AND A COMPONENT TANGENTIAL TO THE ELECTRONIC COMPONENT

806

## MOUNT A HEAT SINK BETWEEN THE ELECTRONIC COMPONENT AND THE FAN

- THE HEAT SINK INCLUDES A NUMBER OF COOLING FINS ARRANGED ABOUT A CORE HAVING A CENTRAL AXIS
- EACH COOLING FIN HAS A BASE COUPLED TO THE CORE SUBSTANTIALLY PARALLEL TO THE CENTRAL AXIS
- THE COOLING FINS ARE SHAPED TO CAPTURE BOTH COMPONENTS OF AIR
- A FIRST FACE OF THE HEAT SINK IS IN THERMAL CONTACT WITH THE ELECTRONIC COMPONENT AND HAS A SEMI-RECTANGULAR PERIPHERY
- A SECOND FACE OF THE HEAT SINK FACES THE FAN AND HAS A SEMI-RECTANGULAR PERIPHERY
- THE CORE IS SHAPED TO MAXIMIZE THE NUMBER OF COOLING FINS WHILE MAINTAINING A SUBSTANTIALLY UNIFORM ASPECT RATIO IN THE COOLING FINS



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